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**Entailment for Measure Based Belief Structures** 

Ronald R. Yager

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### ACCEPTED MANUSCRIPT

#### Highlights

- Discusses Basic Dempster-Shafer belief structure for modeling uncertainty
- Discusses entailment/inference of one belief structures from another
- Describes general belief structure with underling uncertainty based on measure
- Extends concept of entailment to these general measure based belief structures
- Provides concept of containment between general belief structures

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